



# ST. WILFRED'S P.G. COLLEGE

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## NUMBER OF RESEARCH PAPERS PUBLISHED

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication
1.	Educational Assessment of Students Using Virtual Reality Technologies Including Chemical Science	<b>Dr. Kapila Parihar</b>	Department of English	European Chemical Bulletin	2022-2023
2.	From Oppression to Hope: Tropes & Pedagogy of Women's Self – Recovery	<b>Dr. Kapila Parihar</b>	Department of English	GIS SCIENCE JOURNAL	2022-2023

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3.	Surface Modified and Functionalized Magnetic Graphene Oxide For Purification of Water: Review And Analysis	<b>Dr. Nupur jain</b>	Department of Chemistry	European Chemical Bulletin	2022-2023
4.	Copper Based Nanoparticles as An Inexpensive Catalyst for The Synthesis Of Heterocyclic Compounds: Review	<b>Dr. Anupama Sharma</b>	Department of Chemistry	European Chemical Bulletin	2022-2023
5.	GIS Modelling For Quality Analysis of Ground Water In Industrial Area Kota	<b>Dr. Nupur Jain,</b>	Department of Chemistry	GIS SCIENCE JOURNAL	2022-2023
6.	Balancing Cost And Performance In Vlsi Systems Using Rmsprop Algorithm-Assisted Design Space Exploration	<b>Dr. Sumit Kumar Gupta</b>	Department of Physics	ICTACT Journal on Microelectronics	2022-2023

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7.	Removal of Chromium Ion by Chemical Modified Kinnow Peel and It's Isotherm Study	<b>Dr. Sumit Kumar Gupta</b>	Department of Physics	European Chemical Bulletin	2022-2023
8.	Surface Modified and Functionalized Magnetic Graphene Oxide For Purification of Water: Review And Analysis	<b>Dr. Sumit Kumar Gupta</b>	Department of Physics	European Chemical Bulletin	2022-2023
9.	Educational Assessment Of Students Using Virtual Reality Technologies Including Chemical Science	<b>Dr. Fareeda Hasani</b>	Department of Zoology	European Chemical Bulletin	2022-2023
10.	Surface Modified and Functionalized Magnetic Graphene Oxide For Purification of Water: Review And Analysis	<b>Dr. Sumit Kumar Gupta</b>	Department of Physics	European Chemical Bulletin	2022-2023
11.	Graphene-based Composite Materials as Catalyst for Organic Transformations	<b>Dr. Sumit Kumar Gupta</b>	Department of Physics	Chemistry Europe chemical societies	2022-2023

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12.	Graphene and Graphene Based Nanocomposites for Bio-Medical and Bio-safety Applications	<b>Dr. Sumit Kumar Gupta</b>	Department of Physics	Chemistry Europe chemical societies	2022-2023
13.	Educational Assessment Of Students Using Virtual Reality Technologies Including Chemical Science	<b>Dr. Kapila Parihar</b>	Department of English	Chemistry Europe chemical societies	2022-2023
14.	"Avian Guano As bio- indicator of heavy metal Contamination of Environment"	<b>Dr.Fareeda Hasani</b>	Department of Zoology	Janmat Power National Research Journal	2022-2023
15.	Educational Assessment of Students Using Virtual Reality Technologies Including Chemical Science	<b>Dr.Fareeda Hasani</b>	Department of Zoology	European Chemical Bulletin	2022-2023
16.	Educational Assessment of Students Using Virtual Reality Technologies Including Chemical Science	Dr Rajani Vyas	Department of Botany	Chemistry Europe chemical societies	2022-2023
17.	Avian Guano as Bio-Indicator of lead contamination in Jaipur City –A Survey	<b>Dr.Fareeda Hasani</b>	Department of Zoology	GIS SCIENCE JOURNAL	2022-2023

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18.	A Note on Properties of Mittag-Leffler Function under Generalized Fractional Integral Operators	<b>Dr. Komal Prasad Sharma</b>	Department of Mathematics	International Journal of Mechanical Engineering Vol. 7, No. 5 (May 2022) (Scopus Index, Q4)	2021-2022
19.	Application of the Laplace transform to a new form of Fractional kinetic equation involving the composition of the Galue Struve function and the Mittag-Leffler function	<b>Dr. Komal Prasad Sharma</b>	Department of Mathematics	Mathematical problems in Engineering Journal' Vol. 2022, (August, 2022)(Scopus Index, Q1)	2021-2022
20.	Bianchi Type VI Inflationary Cosmological Model with Massive String Source in General Relativity,	<b>Dr. Sanjay Sharma</b>	Department of Mathematics	Journal of Nano- and Electronic Physics	2021-2022
21.	Cosmic inflation in Bianchi Type IX space with Bulk Viscosity,	<b>Dr. Sanjay Sharma</b>	Department of Mathematics	Advanced in Mathematics: Scientific Journal Scopus Journal	2021-2022
22.	Inflationary Scenario in Bianchi Type II Space with Bulk Viscosity in General Relativity	<b>Dr. Sanjay Sharma</b>	Department of Mathematics	Annals of the Romanian Society for Cell Biology, 1223-1229	2021-2022

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23.	Review and Analysis of CNN Approach for Lung Cancer Detection and Classification Using Deep Learning	<b>Dr. Sumit Kumar Gupta</b>	Department of Physics	TEST Engineering & Management	2019-2020
24.	Inhomogeneous Cylindrically Bianchi Type I Space-time with Flat Potential,	<b>Dr. Sanjay Sharma</b>	Department of Mathematics	Journal of Physics: Conference Series	2019-2020
25.	An Approach of Sumudu Transform to Fractional Kinetic Equations	<b>Dr. Komal Prasad Sharma</b>	Department of Mathematics	Advanced in Mathematics: Scientific Journal Scopus Journal	2019-2020
26.	A Research Study On Online Learning Platforms	Mr Ganesh Shankar	Department Of Journalism & Mass Communication	Global Journal Of Research In Education & Literature	2022-2023
27.	A Comparative Analysis Of Hopelessness And Generalised Anxiety Among Students Who Graduated After And During Covid-19	Dr. Neema Shekhawat	Department Of Psychology	Galaxy International Interdisciplinary Research Journal (Girj)	2022-2023

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28.	Studies of Physicochemical Status Under Religious Activities At Galta Ji Ponds In Jaipur	Dr. Purna Sharma	Department Of Environmental Science	International Journal of Creative Research Thoughts (IJCRT)	2022-2023
29.	Study Of Mobile Communication	Dr. Sumit Kumar Gupta	Department Of Physics	Galaxy International Interdisciplinary Research Journal	2022-2023
30.	Synthesis And Characterization Of Zirconium	Dr. Sumit Kumar Gupta	Department Of Physics	Global Journal Of Research In Engineering & Computer Sciences	2022-2023
31.	कुआं का घाटा जलस्तर और कृषि पर प्रभाव: कानसिंहपुरा गांव	Dr. Seema Jaiswal	Department of Geography	International Journal of Education, Modern Management, Applied Science & Social Science (IJEMASSS)	2022-2023
32.	Avifauna Of Jaipur City	Dr. Purna Sharma	Department Of Environmental Science	A REFERRED & PEER-REVIEWED QUARTERLY RESEARCH JOURNAL	2022-2023

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33.	Teacher As Reflective Practitioner	Dr. Sumit Kumar Gupta	Department Of Physics	Galaxy International Interdisciplinary Research Journal	2022-2023
34.	A Research Study On Online Learning Platforms	Dr. Sumit Kumar Gupta	Department Of Physics	Global Journal Of Research In Education & Literature	2022-2023
35.	लघु जल संभरण में भौतिक नियंत्रको द्वारा परिस्थितिक पुनर्भरण जमवारामगढ़	Dr. Seema Jaiswal	Department of Geography	SHODHSAMIHTA	2022-2023
36.	Study Of Physicochemical Status Under Religious Activities At Galta Ji Pond In Jaipur	Dr. Purna Sharma	Department Of Environmental Science	International Journal Of Creative Research Thoughts	2022-2023
37.	Analysis Of Physicochemical Status At Various Colonics Near Galta Ji Pond In Jaipur	Dr.Purna Sharma	Department Of Environmental Science	International Journal Of Creative Research Thoughts	2022-2023
38.	Designing And Developing Low-Tech Aquaponic System Based On An Ornamental Aquarium	Dr.Fareeda Hasani	Department Of Zoology	International Journal Of Research Publication And Reviews	2021-2022

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39.	Study Of Thardesert Expanding Fast With Land Degradation: A Review	Dr.Fareeda Hasani	Department Of Zoology	International Journal Of Research Publication And Reviews	2021-2022
40.	डाटा जर्नलिज्म में सूचना व संचार प्रौद्योगिकी कौशल की आवश्यकता और महत्व का अध्ययन	Mr Ganesh Shankar	Department Of Journalism & Mass Communication	Shodhasamhita	2021-2022
41.	संचार के सशक्त माध्यम के रूप में डाटा जर्नलिज्म की आवश्यकता और महत्व का अध्ययन	Mr Ganesh Shankar	Department Of Journalism & Mass Communication	Janmat Power Research Journal	2021-2022
42.	मीडिया संस्थानों की दिलचस्पी और विशेषज्ञ पत्रकारों की कमी से नहीं हो पा रहा भारत में डाटा जर्नलिज्म का विकास	Mr. Ganesh Shankar	Department Of Journalism & Mass Communication	Madhya Bharti	2021-2022
43.	Applications Of Nanotechnology For Wireless Sensor Networks	Dr. Sumit Kumar Gupta	Department Of Physics	Journal Of Nanomedicine & Nanotechnology PMC/Pubmed Indexed Articles London UK	2021-2022
44.	Improving Students Critical Thinking Creativity ,Analytical Power & Scientific Temperament ,	Dr. Sumit Kumar Gupta	Department Of Physics	Global Journal Of Research In Education & Literature	2021-2022

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45.	Phishing Website Prediction by Using Cuckoo Search as a Feature Selection and Random Forest and BF-Tree Classifier as a Classification Method	Rohit Barotia	Department of Computer Science	Rising Threats in Expert Applications and Solutions, 2021, Volume 1187	2020-2021
46.	A Novel Dual Band Tre+B4:I9e Shape Microstrip Patch Antenna For Bluetooth Application	Dr. Sumit Kumar Gupta	Department Of Physics	International Journal Of Engineering Research And Generic Science	2019-2020
47.	Study Of Nanotechnology And Its Application	Dr. Sumit Kumar Gupta	Department Of Physics	Journal Of Physics & Optics Science Pubmed Indexed Articles (London)	2019-2020
48.	Evaluation Of Alkaloids And Their Pharmacological Activity From Leptadenia pyrotechnica(Forsk)Decne	Dr. Dileep Kumar	Department Of Botany	<a href="#">European Journal Of Medicinal Plants</a>	2019-2020

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49.	Qualitative And Quantitative Evaluation Of Flavonoids From Corchorus Olitorius L.	Dr. Dileep Kumar	Department Of Botany	Journal Of Drug Delivery And Therapeutics	2019-2020
50.	Qualitative And Quantitative Evaluation Of Phytosterol From Corchorus Olitorius L.	Dr. Dileep Kumar	Department Of Botany	International Journal Of Advanced Scientific Research And Management	2019-2020
51.	Epistemic Conception Of Gender Equality : Education Generate The Equality	Dr Kapila Parihar	Department Of English	International Journal Of Education, Modern Management, Applied Science & Social Science	2019-2020
52.	Study Of Floristic Plant Species Of Nagur District Of Rajasthan India	Dr. Dileep Kumar	Department Of Botany	International Journal Of Multidisciplinary ,	2019-2020

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53.	Evaluation Of Alkaloids And Their Pharmacological Activity From Leptadeniapyrotechnica(Forsk)Decne	Dr. Dileep Kumar	Department Of Botany	<a href="#">European Journal Of Medicinal Plants</a>	2019-2020
54.	Qualitative And Quantitative Evaluation Of Phytosterol From Corchorus Olitorius L.	Dr. Dileep Kumar	Department Of Botany	International Journal Of Advanced Scientific Research And Management	2018-2019
55.	Study Of Floristic Plant Species Of Nagur District Of Rajasthan India	Dr. Dileep Kumar	Department Of Botany	International Journal Of Multidisciplinary ,	2018-2019
56.	A Review On Cuprate Based Superconducting Materials	Dr. Sumit Kumar Gupta	Department Of Physics	Advances In Nanoscience And Nanotechnology (USA)	2018-2019

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57.	Study Of Phytodiversity Of Nagaur District Of Rajasthan, India	Dr. Dileep Kumar	Department Of Botany	International Journal Of Research And Analytical Reviews (IJRAR)	2018-2019
58.	Isolation And Quantification Of Primary Metabolites And Antimicrobial Activity Of Plumbago Capensis Linn.	Dr. Dileep Kumar	Department Of Botany	International Journal Of Recent Scientific Research	2018-2019
59.	Biochemical Estimation Of Primary Metabolites And Antioxidant Activity Of Madhuca Longifolia L.	Dr. Dileep Kumar	Department Of Botany	World Journal Of Pharmaceutical Research,	2018-2019
60.	Phytochemical Screening And Antimicrobial Activity Of Basella Alba Linn	Dr. Dileep Kumar	Department Of Botany	International Journal Of Research In Pharmacy And Chemistry	2018-2019

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61.	Biochemical Estimation Of Primary Metabolites And Antioxidant Activity Of Corchorus Olitorius L. And Leptadenia Pyrotechnica (Forsk) Decne	Dr. Dileep Kumar	Department Of Botany	International Journal Of Research In Pharmacy And Chemistry	2018-2019
62.	Study Of Nanomaterial's	Dr. Sumit Kumar Gupta	Department Of Physics	International Journal Of Research (IJR)	2018-2019
63.	The Effective Role Of Practical Work & Theoretical Work In Teaching And Learning Physics At Graduate Level	Dr. Sumit Kumar Gupta	Department Of Physics	International Journal Of Research (IJR)	2018-2019
64.	Study Of Black Hole In Quantum Mechanics	Dr. Sumit Kumar Gupta	Department Of Physics	International Journal Of Emerging Technologies And Innovative Research	2018-2019
65.	Theory Of Antennas, Its Advantage & Applications In Communication Systems	Dr. Sumit Kumar Gupta	Department Of Physics	International Journal Of Engineering Development And Research	2018-2019

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66.	Study And Analysis Of Bandwidth Enhancement In A CPW Fed Printed Monopole Antenna	Dr. Sumit Kumar Gupta	Department Of Physics	International Journal Of Creative Research	2018-2019
67.	Study And Applications Of Laser Light	Dr. Sumit Kumar Gupta	Department Of Physics	Research Journal Of Optics & Photonics (London)	2018-2019
68.	Review Of High Temperature Superconductors And Application In Various Fields	Dr. Sumit Kumar Gupta	Department Of Physics	Research & Development In Material Science Pubmed Indexed Articles (London)	2018-2019
69.	A Review On Cuprate Based Superconducting Materials	Dr. Sumit Kumar Gupta	Department Of Physics	Advances In Nanoscience And Nanotechnology (USA)	2018-2019
70.	Transaction Management in SOA based System	Rohit Barotia	Department Of Computer Science	International Journal of Computer Applications	2018-2019

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71.	Ethno Botanical Survey Of Medicinal Plants Of Nagaur District In Rajasthan, India Used In Traditional Medicines For Rural People.	Dr. Dileep Kumar	Department Of Botany	Elixir Appl Botany	2018-2019
72.	Isolation And Identification Of Phytosterols From Manilkara Zapota L. And Madhuca Longifolia L	Dr. Dileep Kumar	Department Of Botany	International Journal Of Recent Scientific Research	2018-2019
73.	Isolation and Identification of Phytosterols from Manilkara Zapota L. and Madhuca longifolia L	Dr. Dileep Kumar	Department Of Botany	International Journal Of Recent Scientific Research	2018-2019
74.	Study of 4G Mobile Communication	Dr. Sumit Kumar Gupta	Department of Physics	International journal of Research (IJR)	<b>2018-2019</b>
75.	Study of Microstrip Patch Antenna for Communications System	Dr. Sumit Kumar Gupta	Department of Physics	International journal of Research (IJR)	<b>2018-2019</b>

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76.	Study and Analysis of Optical Fiber Communications System	<b>Dr. Sumit Kumar Gupta</b>	Department of Physics	International journal of Research (IJR)	<b>2018-2019</b>
77.	Study And Analysis Of Bandwidth Enhancement Using Z-U-T-S Shape Structures In An Integrated CPW Fed Printed Monopole Antenna	<b>Dr. Sumit Kumar Gupta</b>	Department of Physics	International Journal of Advanced Research in Engineering and Technology	<b>2018-2019</b>
78.	<b>Study and Analysis of Calcium Substitution in <math>Y_{0.8}Pr_{0.2}Ba_2Cu_3O_{7-\Delta}</math></b>	<b>Dr. Sumit Kumar Gupta</b>	Department of Physics	International journal of Research (IJR)	2018-2019
79.	<b>Study Of Oxygen Isotope Effect In Pr, Ca, And Zn Doped Superconductivity <math>Yba_2cu_3o_{7-\Delta}</math>,</b>	<b>Dr. Sumit Kumar Gupta</b>	Department of Physics	international Journal , of Applied science, and Natural science	2018-2019

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